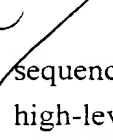


METHOD AND SYSTEM FOR GENERATING USER-INTERFACE OUTPUT
SEQUENCES

Abstract of the Disclosure

SubC'  A user interface output system controls the generation of user interface output sequences. The user interface output system provides event definitions, which specify, at a high-level, actions to be performed by the sequence, to an application program. When the user interface output system receives an event from an application program, the user interface output system may issue low-level commands to direct the actions of the user interface output sequence. The application program can then ignore the details of invoking the low-level commands and may request an event in order to have the user interface output sequence perform an action. The user interface output system provides a user interface output controller, which acts as an interface between an application program and the low-level commands which specify tasks for the user interface output sequence to perform. That is, the user interface output controller receives an event from an application program, determines which low-level commands should be invoked to establish the desired event, and invokes the appropriate low-level commands. For example, if the current user interface output state is one in which the animated bird is sleeping and the event specifies that the animated bird should fly, the user interface output controller invokes the appropriate low-level commands to wake up the animated bird, have the animated bird flap its wings, and have the animated bird fly. The user interface output controller is generated from a specification, using a planning methodology.